WHAT IS CLAIMED IS:

1. A transgenic, non-human mammal in which the suppression of expression of an endogenous LKB1 gene can be induced.

2. The transgenic, non-human mammal of claim 1, wherein the suppression of expression of the endogenous LKB1 gene is induced by deleting at least a part of the LKB1 gene or a regulatory region thereof.

3. The transgenic, non-human mammal of claim 1, wherein at least a part of the LKB1 gene or a regulatory region thereof in the genome of the transgenic mammal is inserted between a pair of loxP sequences.

4. The transgenic non-human mammal of claim 1, wherein the mammal is a rodent.

5. The transgenic non-human mammal of claim 2, wherein the mammal is a rodent.

6. The transgenic non-human mammal of claim 3, wherein the mammal is a rodent.

7. The transgenic non-human mammal of claim 4, wherein the rodent is a mouse.

8. The transgenic non-human mammal of claim 5, wherein the rodent is a mouse.

9. The transgenic non-human mammal of claim 6, wherein the rodent is a mouse.

10. A transgenic, non-human mammal wherein the expression of an endogenous LKB1 gene is inducibly suppressed.

11. The transgenic, non-human mammal of claim 10, wherein the expression of the endogenous LKB1 gene is suppressed by a defect in at least a part of the LKB1 gene or a regulatory region thereof.

12. The transgenic, non-human mammal of claim 10, wherein the mammal is a rodent.

13. The transgenic, non-human mammal of claim 11, wherein the mammal is a rodent.

14. The transgenic, non-human mammal of claim 12, wherein the rodent is a mouse.

15. The transgenic, non-human mammal of claim 13, wherein the rodent is a mouse.

16. A transgenic, non-human mammalian cell, in which suppression of the expression of an LKB1 gene can be induced and wherein the cell can be differentiated into an individual mammal.

17. The cell of claim 16, wherein suppression of the expression of the LKB1 gene is induced by deleting at least a part of the LKB1 gene or a regulatory region thereof.

18. The cell of claim 16, wherein at least a part of the LKB1 gene or a regulatory region thereof in the genome of the cell is inserted between a pair of loxP sequences.

19. The cell of claim 17, wherein at least a part of the LKB1 gene or a regulatory region thereof in the genome of the cell is inserted between a pair of loxP sequences.

20. The cell of claim 18, wherein the cell comprises a Cre gene operably linked to a nucleotide sequence that directs expression of the Cre gene.

21. The cell of claim 19, wherein the cell comprises a Cre gene operably linked to a nucleotide sequence that directs expression of the Cre gene.

22. The cell of claim 16, wherein the cell is a rodent cell.

23. The cell of claim 18, wherein the cell is a rodent cell.

24. The cell of claim 20, wherein the cell is a rodent cell.

25. The cell of claim 22, wherein the cell is a mouse cell.

26. The cell of claim 23, wherein the cell is a mouse cell.

27. The cell of claim 24, wherein the cell is a mouse cell.

28. The cell of claim 16, wherein the cell is an embryonic stem cell.

29. The cell of claim 17, wherein the cell is an embryonic stem cell.

30. The cell of claim 18, wherein the cell is an embryonic stem cell.

31. The cell of claim 20, wherein the cell is an embryonic stem cell.

32. The cell of claim 22, wherein the cell is an embryonic stem cell.

33. The cell of claim 25, wherein the cell is an embryonic stem cell.

34. A transgenic, non-human mammalian cell, in which the expression of an LKB1 gene is inducibly suppressed and wherein the cell can be differentiated into an individual mammal.

35. The cell of claim 34, wherein the expression of the LKB1 gene is suppressed by a defect in at least a part of the LKB1 gene or a regulatory region thereof.

36. The cell of claim 16, wherein at least a part of the LKB1 gene or a regulatory region thereof in the genome of the cell is inserted between a pair of loxP sequences.

37. A transgenic, non-human mammalian cell, produced by the process of expressing a Cre gene in the cell of claim 18.

38. The cell of claim 34, wherein the cell is a rodent cell.

39. The cell of claim 35, wherein the cell is a rodent cell.

40. The cell of claim 36, wherein the cell is a rodent cell.

41. The cell of claim 37, wherein the cell is a rodent cell.

42. The cell of claim 38, wherein the rodent cell is a mouse cell.

43. The cell of claim 39, wherein the rodent cell is a mouse cell.

44. The cell of claim 40, wherein the rodent cell is a mouse cell.

45. The cell of claim 41, wherein the rodent cell is a mouse cell.

46. The cell of claim 34, wherein the cell is an embryonic stem cell.

47. The cell of claim 35, wherein the cell is an embryonic stem cell.

48. The cell of claim 36, wherein the cell is an embryonic stem cell.

49. The cell of claim 37, wherein the cell is an embryonic stem cell.

50. A method for creating a non-human mammal, comprising the following steps:

(a) introducing the non-human mammalian cell of claim 28 into an embryo obtained from a pregnant non-human female; and

(b) transplanting the embryo into the uterus of a non-human pseudopregnant female.

51. A method for creating a non-human mammal, comprising the following steps:

(a) introducing the non-human mammalian cell of claim 46 into an embryo obtained from a non-human pregnant female; and

(b) transplanting the embryo into the uterus of a non-human pseudopregnant female.

52. A method for creating a non-human mammal, comprising the following steps:

(a) providing a fertilized egg or embryo from the non-human mammal of claim 3;

(b) introducing the Cre gene into the fertilized egg or embryo;

(c) expressing the Cre gene in the fertilized egg or embryo; and

(d) transplanting the fertilized egg or embryo into the uterus of a non-human pseudopregnant female.

53. A method for creating a non-human mammal, comprising the steps of: introducing a Cre gene into the non-human mammal of claim 3; and expressing the Cre gene.

54. A method for creating a non-human mammal, comprising the steps of: mating the non-human mammal of claim 3 with a non-human mammal containing a Cre gene in its genome; and obtaining their offspring.